

VideoSplitter

Video Distribution Amplifier with up to 16 video outputs

Drives multiple monitors from
1 or 2 CPUs

Models available to drive 2, 4, 8, or
16 monitors

Easy Installation and expansion

Inhibit feature for set-up and maintenance



Features and Benefits

- Models are available to switch one video source to two, four, eight, or sixteen video monitors or two video sources to two, four, or eight video monitors.
- Easy to install, operate and expand
- Units can be daisy-chained together to drive 256 or more monitors using the 1x16 model
- Uses VGA style connectors; HD15F to the monitors; HD15M to the computer(s)
- Monitors can be located up to 250 feet away from your video source with optional extended distance cables
- Designed to drive long cables with high capacitance
- Internal gain adjustment to increase brightness
- Output enable turns off the video on all but port one
- Optional A/B switch on dual source units enables you to easily switch from two different CPUs
- Rack mount kits available in 19", 23", and 24" sizes
- Made in the USA

The VideoSplitter™ Advantage . . .

The VideoSplitter was designed to take one or two video sources and distribute the video to multiple monitors. These monitors can be located as far away as 250 feet using extended distance cables.

The VideoSplitter is ideal for use in: classrooms, conference rooms, point-of-sale terminals, trading floors, airports, restaurants, process control areas, and in security systems. Any application requiring multiple monitor capability would be perfect for the VideoSplitter. You can daisy-chain units together to drive additional monitors if needed.

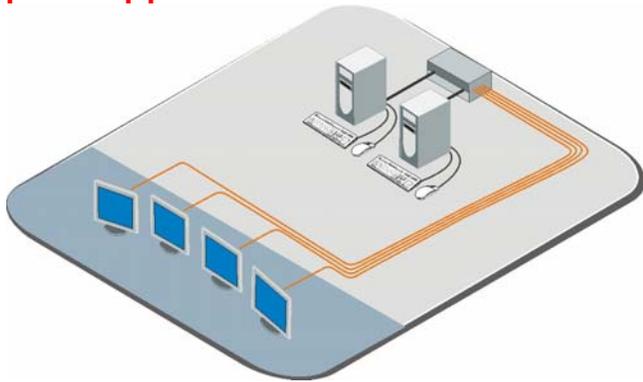
For control or setting up a presentation, a blanking feature is available that will inhibit the video from displaying on all monitors except port one. This allows the presenter to organize and edit the video before it is distributed to all monitors. On the two input models, an added feature is the built-in A/B switch. This allows you to switch two different video sources to multiple video monitors.

The VideoSplitter is rack mountable with optional 19", 23", and 24" rack mount kits.



Drive multiple monitors
From 1 or 2 computers

Typical Application



2 x 4 model

Introduction The VideoSplitter is a "plug and play", video distribution amplifier that allows you to drive multiple video monitors from one or two computers or video sources. The monitors can be located up to 250 feet from the video source using optional extended distance cables. The VideoSplitter is ideal for use in classrooms, conference rooms, point-of-sale terminals, process control areas, airports, restaurants, security systems, and many other applications. You can easily daisy-chain units to attach additional monitors.

Cables The VideoSplitter uses the common HD15 VGA connectors. The video source connectors are HD15M and the video monitor connectors are HD15F. For the best results over long cable lengths, it is recommended to use Rose high quality, coax cables.

Installation Easy installation, expansion, and maintenance are hallmarks of all Rose products. Simply connect your computers or video sources and video monitors to the appropriate VideoSplitter ports, connect and apply power, and it is ready to use. The green power LED will come on and you should see video from the selected video source on all of the connected monitors.

Operation There are features in the VideoSplitter that are rather unique. The first one is the optional built-in A/B switch (2x2, 2x4, 2x8 models only) which allows switching from two independent video sources to the output monitors. The second feature is the output enable. In many types of applications, the computer that generates the video must also be used to setup the application generating the video. It must also be accessible for maintenance. Displaying the maintenance information on all the monitors would be undesirable. You can disable all the outputs except port number one, allowing you to monitor the information and only distribute the video to the other monitors at the appropriate time. Port number one is always live.

A third feature is the units expandability. Units can easily be daisy-chained together to distribute the video source to 256 or more monitors using the 1x16 model.

Options The VideoSplitter is rack mountable with 19", 23", and 24" rack mount kits. The unit is also available in a 110/220 volt model.

Greater Distance To locate your video monitors even further than 250 feet, try our CrystalView extenders which can go as far as 1,000 feet using twisted pair CAT5 cabling or 33,000 feet using fiber cabling.

Part Numbers

| | |
|-------------|--|
| VSP-1X2VB | 1 VGA IN to 2 VGA OUT |
| VSP-1X4VB | 1 VGA IN to 4 VGA OUT |
| VSP-1X8VB | 1 VGA IN to 8 VGA OUT |
| VSP-1X16VB | 1 VGA IN to 16 VGA OUT |
| VSP-2X2VB | 2 VGA IN to 2 VGA OUT |
| VSP-2X4VB | 2 VGA IN to 4 VGA OUT |
| VSP-2X8VB | 2 VGA IN to 8 VGA OUT |
| VSP-2X16VB | 2 VGA IN to 16 VGA OUT |
| VSP-1X2VB/Q | 4 VGA IN to 2 VGA OUT |
| VSP-1X4VB/Q | 4 VGA IN to 4 VGA OUT |
| VSP-1X2VB/D | 2 VGA IN to 2 VGA OUT |
| VSP-1X4VB/D | 2 VGA IN to 4 VGA OUT |
| VSP-1X8VB/D | 2 VGA IN to 8 VGA OUT |
| RM-SV1/xx | Rack Mount kit, 2U, (xx = 23", or 24") |
| RM-SVx16 | Rack Mount kit 19", 2U |

Specifications

| | | | | |
|-----------------|--|-------|-----------|---------|
| Dimensions | Width | Depth | Height | Weight |
| (x2, x4, or x8) | 8.85 | 4.90 | 2.10 (in) | 3.0 lbs |
| (x16 model) | 13.25 | 4.90 | 5.25 (in) | 6.5 lbs |
| Input Power | External adapter or optional 90-240 VAC Auto-switching | | | |
| Output Power | 17 VAC CT, 700 ma | | | |
| Connectors: | Power: DIN5 Video in: HD15 Male Video out: HD15 Female | | | |
| Video Bandwidth | 350 MHz | | | |
| Video Sync | Vertical/Horizontal, supports composite sync and sync on green | | | |
| Rack mount kits | 19", 23", or 24" | | | |
| Chassis | Electro-galvanized steel, painted | | | |
| Controls | Power On/Off Switch, 4-Position Dip Switch, A/B source switch | | | |
| Indicators | Power LED (green), | | | |
| Environmental | 32°F - 131°F (0°- 55° C), 0%-80% non-condensing RH | | | |



VSP-2X8VB model (top) / VSP-1X16VB model (bottom)

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